

donor id: 9006073. **origin:** United States. **collected:** 1964. **other id:** SD-131. **locality:** Oscar Hobbie Farm, Moody County, 4.8km S of Brookings County Line, near Flandreau, South Dakota. **remarks:** Plants up to 9.12m. Flowers borne singly, fragrant, appearing late April-early May. Root stocks compatible with chokecherry. Used as medium tree component of multi-row field and farmstead shelterbelts, single row field windbreaks, wildlife plantings, and recreational area developments in North and South Dakota and W Minnesota. Not affected by black knot, a limiting factor for this area. Cultivated. Seed.

PI 536049. *Ulmus hybrid* ULMACEAE

Donated by: Townsend, A.M., U.S. National Arboretum, USDA-ARS, Washington, D.C., United States. Received November 07, 1989.

donor id: NA 55393. **origin:** United States. **cultivar:** FRONTIER. **pedigree:** *Ulmus carpinifolia*/U. *parvifolia*. **remarks:** At 19 years, plant 8.2m tall with crown spread of 4.9m. Crown pyramidal. Leaves lanceolate, doubly serrate. Young leaves red (47A), mature to yellow green (147A). Autumn leaf color red purple (59A). Branch angle average 51 deg. Bark greyed green (197B) with large orange lenticels. Flowers absent. Reliably adaptable to USDA zone 5. Used as street, park, landscape or highway tree. **disease resistance:** High to Dutch elm (*Ceratocystis ulmi*). **insect resistance:** Moderate to elm beetle (*Xanthogaleruca luteola*). Cultivar. Plant.

PI 536050. *Ulmus wilsoniana* C. Schneider ULMACEAE

Donated by: Townsend, A.M., U.S. National Arboretum, USDA-ARS, Washington, D.C., United States. Received November 07, 1989.

donor id: NA 55398. **origin:** United States. **cultivar:** PROSPECTOR. **pedigree:** Seedling selection. **remarks:** Plant 7.0m tall with crown spread of 6.4m at 9 years old. Crown vase-shaped, becoming pendulous at a lower height than American elm. Young leaves orange red (35A), maturing to yellow green (144A) to green (137B). Autumn leaf color yellow (13A). Branch angle average 53 deg. Reliably adaptable to USDA zones 4-7. Excellent street, lawn, highway or park tree. Heat, drought, and cold tolerant. **disease resistance:** Dutch elm disease (*Ceratocystis ulmi*). **insect resistance:** Elm leaf beetle (*Xanthogaleruca luteola*). Cultivar. Plant.